

# GILA RIVER BASIN

## 09512162 INDIAN BEND WASH AT CURRY ROAD, TEMPE, AZ

**LOCATION.**--Lat 33° 26' 25", Long 111° 54' 52", in NW1/4SE1/4 sec. 11, T.1 N., R.4 E., Maricopa County Hydrologic Unit 15060106, on upstream side of Curry Road bridge, 2 mi northeast of downtown Tempe, AZ.

**DRAINAGE AREA.**--82 mi<sup>2</sup>.

**PERIOD OF RECORD.**--Oct. 1992 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 1,162.45 ft above sea level.

**REMARKS.**--No estimated daily discharges. Records fair. FCDMC provided daily values prior to installation of gage in Apr. 1993. Natural flow of wash affected by urbanization and partly regulated by artificial lakes upstream. Gage located .25 mi upstream from Tempe Town Lake.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum discharge 21,000 ft<sup>3</sup>/s June 22, 1972, at gage 7 mi upstream (09512100).

**EXTREMES FOR PERIOD OF RECORD.**--Maximum daily discharge 1,970 ft<sup>3</sup>/s, Jan. 11, 1993. Minimum daily discharge, no flow for many days.

**EXTREMES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 300 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
July 24.....	0015	*161	*1.42

Minimum daily discharge, no flow for many days.

### DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	1.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
15	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	2.8	0.00	0.00
16	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.3
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40	0.00	0.25
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2	0.00	0.25
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	1.59	0.00	0.10	0.00	0.00	0.00	0.00	45.17	0.00	5.72
MEAN	0.000	0.000	0.051	0.000	0.004	0.000	0.000	0.000	0.000	1.457	0.000	0.191
MAX	0.00	0.00	1.2	0.00	0.07	0.00	0.00	0.00	0.00	40	0.00	2.3
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	3.2	0.00	0.2	0.00	0.00	0.00	0.00	90	0.00	11

### STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

MEAN	5.459	3.337	5.029	23.70	4.452	4.177	0.335	0.040	0.059	0.852	0.602	2.858
MAX	46.8	29.9	39.5	225	23.6	16.9	1.78	0.39	0.55	6.17	2.64	21.9
(WY)	1994	1994	1993	1993	1993	1993	2001	1995	1994	1999	1995	1995
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(WY)	1993	1993	1994	1996	1999	1999	1993	1993	1993	1993	1994	1993

### SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1993 - 2002

ANNUAL TOTAL	257.48	52.58	
ANNUAL MEAN	0.705	0.144	4.269
HIGHEST ANNUAL MEAN			25.8
LOWEST ANNUAL MEAN			0.14
HIGHEST DAILY MEAN	42 Jan 13	40 Jul 24	1970 Jan 11 1993
LOWEST DAILY MEAN	0.00 Jan 1	0.00 Oct 1	0.00 Oct 1 1992
ANNUAL SEVEN-DAY MINIMUM	0.00 Jan 1	0.00 Oct 1	0.00 Oct 1 1992
ANNUAL RUNOFF (AC-FT)	511	104	3090
10 PERCENT EXCEEDS	0.00	0.00	0.00
50 PERCENT EXCEEDS	0.00	0.00	0.00
90 PERCENT EXCEEDS	0.00	0.00	0.00